INTERNATIONAL SEARCH REPORT

International Application No PCT/FR2004/002508

A. CLASSIFICATION OF SUBJECT MATTER
1PC 7 C04B35/536 B32B18/00 H01M2/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{C04B} & \mbox{B32B} & \mbox{H01M} \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where pradical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the re	levant passages	Relevant to claim No.
Α	WO 02/069415 A (GRAFTECH INC) 6 September 2002 (2002-09-06) cited in the application claims 1-15		1-49
Α	EP 0 568 270 A (PLASCON TECH) 3 November 1993 (1993-11-03) claims 1,8,9; figure 1	•	1-49
Α	US 5 247 005 A (VON BONIN WULF 8 21 September 1993 (1993-09-21) claims 1-3; example 1	ET AL)	1-49
A	US 5 288 429 A (VON BONIN WULF E 22 February 1994 (1994-02-22) claims 1-8; examples 1,2	ET AL)	1–49
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X Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.
 Special categories of cited documents: "A" document defining the general state of the ant which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed 	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search 21 January 2005	Date of mailing of the international search report 31/01/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Authorized officer Vathilakis, S

INTERNATIONAL SEARCH REPORT

International Application No PCT/FR2004/002508

Category *	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.	
A	US 5 607 889 A (PROSDOCIMI JACQUES ET AL) 4 March 1997 (1997-03-04) claims 1-4; example 1		1-49	
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	(continuation of second sheet) (January 2004)			

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/FR2004/002508

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 02069415	A	06-09-2002	US WO US	6605379 B1 02069415 A1 2002172855 A1	12-08-2003 06-09-2002 21-11-2002
EP 0568270	A	03-11-1993	AT AU CA DE DE EP US ZA	155191 T 3703693 A 2094367 A1 69311964 D1 69311964 T2 0568270 A1 5309690 A 9302755 A	15-07-1997 28-10-1993 23-10-1993 14-08-1997 20-11-1997 03-11-1993 10-05-1994 28-10-1993
US 5247005	A	21-09-1993	DE AT CA DE EP JP	4117074 A1 124676 T 2069219 A1 59202790 D1 0515891 A1 5221721 A	26-11-1992 15-07-1995 26-11-1992 10-08-1995 02-12-1992 31-08-1993
US 5288429	A	22-02-1994	DE AT CA DE EP JP	4117077 A1 124677 T 2069220 A1 59202791 D1 0515892 A1 5201758 A	26-11-1992 15-07-1995 26-11-1992 10-08-1995 02-12-1992 10-08-1993
US 5607889	A	04-03-1997	FR AT CA DE EP JP	2715082 A1 170775 T 2140486 A1 69504538 D1 0664158 A1 7257917 A	21-07-1995 15-09-1998 20-07-1995 15-10-1998 26-07-1995 09-10-1995